

Tuross Sewage Treatment Plant - Monthly Result Summary - March 2023



Anniversary Date: 1-Apr-21
Published Date: 8-May-23

Licensee: Eurobodalla Shire Council
EPL No.: 3108
Premises: Tuross Sewage Treatment Plant
Address: 217 Kelly Road, Bingie, NSW, 2537
Licence Period: 01-Apr-21 to 31-Mar-22
EPL Link: <https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=183820&SYSUID=1&LICID=3108>
POEO Public Register: <https://apps.epa.nsw.gov.au/prpoeoapp/>

Required Month: **Mar-23**

Licence Point 1 (Discharge to Waters) and 4 (Discharge to Utilisation Area) - Concentration Limits			
Parameters	Unit of Measure	50 percentile concentration limit	100 percentile concentration limit
Biological Oxygen Demand	(mg/L)	15	20
Oil and Grease	(mg/L)		10
Total Suspended Solids	(mg/L)	20	30
Total Nitrogen	(mg/L)		
Total Phosphorus	(mg/L)		

See Note 1

Note 1: A 100 Percentile Concentration Limit of "10 mg/L and no visible oil and grease" applies for Point 1.

Note 2: The monitoring at Point 3, required by Condition M2.1, is conducted by the licensee to determine compliance with limits specified for discharges to Points 1 and 4 as described in Condition L3.

Licence Point 3 - Effluent Quality Monitoring (Monthly Results)							
Sample Frequency	Monthly Composite Sample	Monthly Grab Sample	Monthly Composite Sample	Monthly Composite Sample	Monthly Composite Sample		
Sampling Method	Biological Oxygen Demand (mg/L)	Oil and Grease (mg/L)	Total Suspended Solids (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	Obtained Date	
Sampled Date	21-Mar-23	4.00	<5	24.00	10.50	3.76	30-Mar-23
100 Percentile Exceedance?	NO	NO	NO	NO	NO		

Licence Point 3 - Effluent Quality Monitoring (Year To Date Results)					
Year to Date	Biological Oxygen Demand (mg/L)	Oil and Grease (mg/L)	Total Suspended Solids (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)
Samples	13	13	13	13	13
Min	<2	<5	2.00	5.03	0.66
Mean	4.23	2.50	9.23	9.76	2.21
Median (50th %ile)	4.00	2.50	6.00	7.92	2.18
90th %ile	6.00	2.50	20.80	14.78	3.42
Max (100th %ile)	9.00	<5	24.00	16.00	3.76

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Licence Point 2 - Influent Volume Monitoring

Sample Frequency	Daily (Continuous)	Maximum Daily flow (kL)	7000
Sampling Method	Ultrasonic Flow Meter		
Sample Date	Rainfall (mm)	Plant Inflow (kL)	Exceedance (YES/NO)
1-Mar-23	6.8	414.2	NO
2-Mar-23	2.6	436.5	NO
3-Mar-23	4.2	445.4	NO
4-Mar-23	3.2	472.7	NO
5-Mar-23	0.4	512.1	NO
6-Mar-23	0	450.9	NO
7-Mar-23	0	416.7	NO
8-Mar-23	0	404.9	NO
9-Mar-23	0	428.0	NO
10-Mar-23	0	459.2	NO
11-Mar-23	0	535.2	NO
12-Mar-23	10.4	548.4	NO
13-Mar-23	2.2	521.2	NO
14-Mar-23	0	463.4	NO
15-Mar-23	0.4	456.7	NO
16-Mar-23	0.2	435.5	NO
17-Mar-23	0	420.9	NO
18-Mar-23	0.8	512.4	NO
19-Mar-23	0.4	485.1	NO
20-Mar-23	0	423.1	NO
21-Mar-23	0	404.2	NO
22-Mar-23	0	425.0	NO
23-Mar-23	0	408.4	NO
24-Mar-23	0	427.1	NO
25-Mar-23	0	431.3	NO
26-Mar-23	0	463.3	NO
27-Mar-23	0	406.2	NO
28-Mar-23	0	411.8	NO
29-Mar-23	6.6	415.1	NO
30-Mar-23	0	430.6	NO
31-Mar-23	0	440.0	NO
Monthly Total	38.2	13905.4	
Monthly Minimum	0	404.15	
Monthly Mean	1.23	448.56	
Monthly Maximum	10.4	548.4	
Year to Date Total	764.3	219898.02	
Year to Date Minimum	0	367.63	
Year to Date Mean	2.093972603	602.4603288	
Year to Date Maximum	54.4	3494	

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Monthly Exceedance Report

Date	Exceedance Type	Parameter	Description / Action

EPA Licence Point Map

